

AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph starting at page 6, line 1 as follow:

-- In one embodiment of the invention, and concerning for example the case of hard tissue observation such as tooth enamel, in which the second band of frequencies is centred on a primary colour (red in this example), the CCD sensors of the video colour means are provided at each of the pixels with filters whose colour is preferably that of the complementary colours, namely yellow, magenta and cyan. The use of said complementary filters is of interest in that firstly the range of reaction of these filters, and hence the sensitivity of the sensors, is greater than those of the primary colours, and secondly it thereby becomes possible to act on two signals, namely those of the primary complementary colours associated with each of the complementary primary colours, instead of only being able to act on a single signal namely the signal associated with the primary colours, thereby making it possible to ensure improved management of the filtering used. --